**GOVERNMENT OF ANDHRA PRADESH**
**ABSTRACT**

**Energy, Infrastructure & Investment Department** – Establishment of India's largest Integrated Renewable Energy Project (IREP) by M/s. Greenko Energies Private Limited consisting of 1000 MW of Solar Power, 550 MW of Wind Power and 1200 MW of Standalone Pumped storage capacities - Approval of overall Integrated Renewable Energy Project (IREP) – Orders – Issued.

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ENERGY, INFRASTRUCTURE & INVESTMENT (POWER.II) DEPARTMENT

G.O.MS.No. 24 Dated: 19-07-2018

Read the following:-

1. G.O.Ms.No.8, Energy (Power.II) Deptt., dated 12.02.2015.
2. G.O.Ms.No.9, Energy (Power.II) Deptt., dated 13.02.2015.
3. MoU entered between M/s Greenko Energies Private Limited & GoAP during the Partnership Summit–2018 held at Visakhapatnam during 24-26th February, 2018.
4. M/s Greenko Energies Private Limited, Hyderabad proposals dated:02.02.2018 &11.06.2018 .
5. The VC&MD,New and Renewable Energy Development Corporation of Andhra Pradesh (NREDCAP) lr. No. NREDCAP/WE/Greenko-IREP/2018 dated 14.02.2018.
6. The Chairman, APPCC & CMD, APTRANSCO letter No.CMD/CE/IPC&PS /APPCC/F.Solar/ D.No.301/18 dated 22.02.2018.
7. The G.A.(Cabinet) Dept., U.O.No.279/2018, dated:17.07.2018.

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**O R D E R :-**

Government of Andhra Pradesh is keen to harness the huge solar and wind potential of the State to meet its growing energy demands in an environmentally sustainable manner. Several initiatives such as investor friendly Solar and Wind Power Policies, large scale Solar Park(s) development, Green Corridor Investment for power evacuation etc., have been undertaken to promote Renewable Energy (RE) capacity addition. The Government of Andhra Pradesh has set a target to achieve 18,000 MW of renewable energy capacity by the year 2021-22, comprising of 10,000 MW of Solar Power and 8,000 MW of Wind Power, which is 10% of the national target.

2. The Government of Andhra Pradesh have announced the AP Solar Power Policy 2015 and AP Wind Power Policy 2015, wherein various incentives are offered for promotion of Wind and Solar Power Projects. With the promotion measures initiated by the Government, the share of Renewable Power in total power consumption has reached 18% during the year 2017-18. Further, the Government of Andhra Pradesh has announced Andhra Pradesh Industrial Development Policy(APIDP) 2015-20 to encourage large scale investments in the State. The Government have conducted Partnership Summits during the years 2016, 2017 and 2018 at Visakhapatnam to attract investments and create employment opportunities in the State.

3. In the reference 4th read above, M/s. Greenko Energies Pvt. Ltd., have submitted proposals for development of Integrated Renewable Energy Project(IREP) at Pinnapuram and other villages in Kurnool District to develop 550 MW of Wind, 1000 MW of Solar and 1200 MW of standalone pumped storage capacity utilizing 1 TMC water from the Gorakallu Reservoir on a non-consumptive basis. The power generated from this Wind Solar hybrid along with standalone pumped storage would be connected to Power Grid substation and delivered outside the State with first right of refusal to AP DISCOMs.

Greenko Energies Pvt. Ltd., have requested Government for approval for the following:

i. Allocation of 1 TMC of water on a non-consumptive basis from the Gorakallu Reservoir as per the Industrial Water Supply Policy/Guidelines.
ii. Allotment and permission for 550 MW of Wind component of the IREP.
iii. Allotment and permission for 1000 MW Solar component of the IREP.
iv. Allotment and permission for 1200 MW Standalone pumped storage component of the IREP.
v. Approval of the overall IREP Scheme and recognition it as a "Mega Industrial Project" thereby facilitating Single Window clearance and facilitation.
vi. Allot and alienate on a permanent basis the available Government land to the IREP.

4. Further, M/s Greenko Energies Private Limited informed that the Project would facilitate employment creation for 15000 people during construction and 3000 people after construction and would result in fresh investment of Rs.15000 crores in the State of Andhra Pradesh.

(P.T.O.)

5. In the reference 3rd read above, M/s Greenko Energies Private Limited have signed MoU with the Government of Andhra Pradesh during the Partnership Summit-2018 held at Visakhapatnam between 24-26th February, 2018 for establishment of Integrated Renewable Energy Project (IREP).

6. In the reference 5th read above, the Vice Chairman & Managing Director, New and Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP), has submitted to consider the proposal of M/s Greenko Energies Private Limited and also submitted that the revenue land to an extent of 4766.28 acres in Pinnapuram village, Panyam Mandal, Kurnool District, is under the possession of NREDCAP pending finalization of regular land allotment by the Revenue Department. The VC & MD, NREDCAP has further stated that the completion period for development of Solar Project is 18 months and the Project Developer may have to commission the Project within 36 months from the date of handing over the land and M/s Greenko Energies Private Limited have requested for an estimated time line of 48 months for implementation of all the 3 components of the IREP Scheme.

7. In the reference 6th read above, the Chairman, APPCC & CMD, APTRANSCO has informed that APTRANSCO and DISCOMs have no objection on the above proposal as there is no obligation for DISCOMs in purchase of power and banking as Developer proposed to sell the power outside the State through PGCIL network. AP DISCOMs will have the first right of refusal to utilize the RTC energy as per the tariff of CERC. Further the power would be evacuated through PGCIL network duly obtaining evacuation approval from CTU.

8. Regarding the allocation of 1 TMC of water from existing Gorakallu Balancing Reservoir (GBR) for cyclic usage of water for IREP at Pinnapuram by forming Pinnapuram Reservoir (Upper Reservoir), the Water Resources(Irrigation) Department, has stated that 1(one) TMC of water can be allocated to the Project on non consumptive usage as this will not reduce the available quantum of water for Irrigation and drinking needs dependent on this Reservoir and allocation will be subject to the following conditions:

i. The water can be allocated for non consumptive purpose, i.e. cyclical use only.
ii. The designs for construction of work relating to the drawl and storage of water and tail race and leading channel back to GBR shall be vetted through Water Resources (Irrigation) Department.
iii. The allocation shall be subject to terms and conditions of Industrial water supply policy of Andhra Pradesh.

9. Revenue Department has stated that, as per the provisions of Government Land Allotment Policy issued vide G.O.Ms.No.571 of Revenue (Assignment. I) Department, dated.14.09.2012 and in terms of B.S.O.24 and Andhra Pradesh Industrial Development Policy 2015-2020, the Government lands are being allotted for various purposes to different Government departments and private organizations.

10. Government after careful examination of the proposal of M/s Greenko Energies Private Limited and in view of the facilitation of employment creation for 15000 people during construction and 3000 people after construction by the developer and in view of the fresh investment of Rs.15000 crores in the State by the developer and also keeping in view of the recommendations of VC&MD, NREDCAP, have approved the proposal of M/s Greenko Energies Private Limited for establishment of India's largest Integrated Renewable Energy Project (IREP) at Pinnapuram Village, Panyam Mandal, Kurnool District and also hereby accorded approvals on the following:

i. Approved for establishment of 1000 MW of Solar Energy.
ii. Approved for establishment of 550 MW of Wind Energy.
iii. Approved for establishment of 1200 MW of standalone pumped storage capacities.
iv. Approved for allocation of 1 TMC of water on a non-consumptive basis from the Gorakallu Reservoir as per the Industrial Water Supply policy/guidelines and subject to guidelines issued by the Irrigation Department.
v. Approved the overall IREP Scheme and recognition as a "Mega Industrial Project" thereby facilitating Single Window clearance and facilitation.
vi. Approved for allotment and alienation of land to an extent of 4766.28 acres to the M/s.Greenko Energies Private Limited on outright sale basis as per the latest market value to be fixed by the Revenue Department.
vii. The project should be completed within a period of 4 years (48 months) failing which the entire land will be resumed back to Government.

(Contd..)

11. The power generated from this Wind Solar hybrid along with standalone pumped storage would be connected to Power Grid substation and delivered outside the State with no obligation for DISCOMs to purchase power. However, DISCOMs shall have first right of refusal.

12. The Vice Chairman & Managing Director, New and Renewable Energy Development Corporation of Andhra Pradesh, shall take further necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

**AJAY JAIN**
**PRINCIPAL SECRETARY TO GOVERNMENT**

To:
The Vice Chairman & Managing Director, NREDCAP, Tadepalli, Guntur District.
M/s. Greenko Energies Private Limited, Hyderabad.
The Principal Secretary to Government, Revenue Department.
The Principal Secretary to Government, Finance Department.
The Principal Secretary to Government, I&C Department.
The Principal Secretary to Government, Water Resources ( Irrigation) Department.
The Commissioner of Industries Department, Vijayawada.
The Collector, Kurnool District.

**Copy to:**
The Chairman & Managing Director, APTRANSCO, Gunadala, Vijayawada.
The Managing Director, APGENCO, Gunadala, Vijayawada.
The Chairman & Managing Director, APSPDCL., Tirupathi.
The Chairman & Managing Director, APEPDCL, Visakhapatnam.
The Managing Director, APSPCL, Hyderabad.
The Chief Engineer & DWRO, Water Resources Department, Kurnool.
The General Manager, Industries Department, Kurnool.
The Revenue Divisional Officer, Nandyal, Kurnool District.
The Revenue Divisional Officer, Kurnool, Kurnool District.
The OSD to Chief Secretary to Government.
The OSD to Minister (Energy).
The P.S to Principal Secretary to Chief Minister.
The P.S to Secretary, LAW Department.
The P.S to Principal Secretary, Energy, I & I Department.
The Finance (FMU, Energy, I&I ) Department.
The General Administration(Cabinet) Department(w.r.t. council resolution no.279/2018).
SF/SCs. (C.No,102/Pr. II/2018).

// FORWARDED : : BY ORDER //

SECTION OFFICER